

AMENDMENT

Unmarked Version

In the claims:

1 23. (New) A graphical user interface (GUI) of a player/recorder system
2 comprising:
3 a first display portion including a plurality of control boxes each to control a
4 corresponding one or more of a plurality of tracks of each of a plurality of audio
5 processing modules; and
6 a second display portion including a central control mechanism for substantially
7 simultaneously controlling all of the plurality of tracks of each of the plurality of audio
8 processing modules.

1 24. (New) The GUI of Claim 23, wherein one of plurality of control boxes
2 corresponds to an assigned function and an assigned one of the tracks and wherein the
3 control box is selectable to transmit a control command to an audio processing module
4 having the one of the tracks to perform the assigned function.

1 25. (New) The GUI of Claim 24, wherein the one of the plurality of control
2 boxes comprises a record button of a specific track and wherein the record button is
3 selectable to transmit a record command to an audio processing module having the
4 specific track to cause the specific track to record an audio sound.

1 26. (New) The GUI of Claim 23, wherein the central control mechanism is
2 selectable to transmit a global control command associated with the central control

Sub E2

3 mechanism to the plurality of audio processing modules to perform a function assigned to
4 the global control command.

Contz

27. (New) The GUI of Claim 23, wherein the second display portion further comprises a global play button selectable to control the tracks of the audio processing modules.

D1

1 28. (New) The GUI of Claim 27, wherein the global play button is selectable
2 to transmit a global play command to the plurality of audio processing modules to cause
3 all the tracks to each play an audio sound.

Contz

1 29. (New) The GUI of Claim 23, wherein the second display portion includes
2 a global stop button to control the tracks of the audio processing modules.

1 30. (New) The GUI of Claim 23, wherein the first display portion further
2 comprises a single audio processing module control box into which all of the control
3 boxes of a particular audio processing module can selectively be collapsed.

1 31. (New) The GUI of Claim 23, wherein the one or more of the plurality of
2 tracks of the first display portion are player tracks and wherein the GUI further comprises
3 a third display portion including a plurality of recorder control boxes each to control a
4 corresponding one or more of a plurality of recorder tracks of each of the plurality of
5 audio processing modules. *the rest*

Sub E2

1 32. (New) In a player/recorder system having a plurality of audio processing
modules each having one or more tracks and each connected to a computer system having
3 a processor and a display, a graphical user interface method of centrally controlling each

4 of the one or more tracks of the plurality of audio processing modules, the method
5 comprising:

6 generating a first display portion on the display by the processor, the first display
7 portion including a plurality of control boxes to control a corresponding one or more of a
8 plurality of tracks of each of the plurality of audio processing modules; and
9 generating a second display portion on the display by the processor, the second
10 display portion including a central control mechanism for simultaneously controlling all
11 of the plurality of tracks of each of the plurality of audio processing modules.

1 D/ 33. (New) The method of Claim 32, further comprising:

2 COMT selecting one of the control boxes corresponding to one of the tracks;
3 transmitting a control command associated with the one of the control boxes from
4 the computer system to an audio processing module having the one of the tracks; and
5 performing a function assigned to the control command at the audio processing
6 module.

1 34. (New) The method of Claim 32, further comprising:

2 selecting a record button of a specific track;
3 transmitting a record command from the computer system to an audio processing
4 module having the specific track; and
5 causing the specific track to record an audio sound by the audio processing
6 module.

1 35. (New) The method of Claim 32 further comprising:

2 selecting the central control mechanism;

3 transmitting a global control command associated with the central control
4 mechanism from the computer system to the plurality of audio processing modules; and
5 each audio processing module, performing a function assigned to the global
6 control command by the audio processing module.

1 36. (New) The method of Claim 32 wherein the central control mechanism
2 comprises a global play command for simultaneously controlling all of the loaded player
3 tracks of the plurality of tracks of the audio processing modules and wherein the method
4 further comprises:

5 selecting the global play command;
6 transmitting the global play command from the computer system to the plurality
7 of audio processing modules; and
8 each audio processing module, causing all the loaded player tracks to each play an
9 audio sound.

1 37. (New) The method of Claim 32, wherein the central control mechanism
2 comprises a global stop command for simultaneously controlling all of the loaded tracks
3 of the plurality of audio tracks of the audio processing modules and wherein the method
4 further comprises:

5 selecting the global stop command;
6 transmitting the global stop command from the computer system to the plurality
7 of audio processing modules; and
8 each audio processing module, causing all the loaded tracks to each stop any play
9 or record activity.

1 38. (New) The method of Claim 33:

2 wherein each audio processing modules has one or more input/output ("I/O")
3 channels each connected to the computer system;
4 wherein the control boxes control a corresponding one or more I/O channels of
5 the plurality of audio processing modules;
6 wherein transmitting the control command comprises transmitting the control
7 command from the computer system to the audio processing module having the I/O
8 channel corresponding to the specified control box; and
9 wherein performing a function comprises performing a task assigned to the
10 control command by the audio processing module with respect to the I/O channel.

D /
Cont'd
1 39. (New) The method of Claim 35:

2 wherein each audio processing module has one or more input/output ("I/O")
3 channels each connected to the computer system;
4 wherein the central control mechanism controls all of the one or more I/O
5 channels of the plurality of audio processing modules;
6 wherein transmitting the global command comprises global control command
7 associated with the central control mechanism from the computer system to the plurality
8 of audio processing modules; and
9 wherein performing a function comprises performing a task assigned to the global
10 command by each audio processing module with respect to all of the I/O channels.

1 40. (New) An apparatus for controlling a plurality of audio processing
2 modules in a player/recorder system, each of the plurality of audio processing modules
3 having one or more input/output ("I/O") channels, the apparatus comprising:
4 a display;

5 a storage device containing routines to control the audio processing modules and
6 generate displays;

7 an interface to the I/O channels of the plurality of audio processing modules; and
8 a processor coupled to the storage device to produce

SURB
E3
10 a first display portion of a graphical user interface including a plurality of
control boxes to control corresponding I/O channels of the plurality of audio
processing modules, and

11 a second display portion of the graphical user interface including a central
12 control mechanism to substantially simultaneously control all of the I/O channels
13 of the plurality of audio processing modules.

DJ
Conn
1 41. (New) The apparatus of Claim 40, further comprising a selection device to
2 select one of the control boxes corresponding to one of the I/O channels of the plurality
3 of audio processing modules.

1 42. (New) The apparatus of Claim 41, wherein the selection device is a
2 keyboard.

1 43. (New) The apparatus of claim 41, wherein the selection device is a mouse.

1 44. (New) The apparatus of Claim 41, wherein the interface comprises an I/O
2 device to transmit a control command associated with the one of the control boxes
3 selected by the selection device to audio processing modules having the selected I/O
4 channels.

1 45. (New) The apparatus of Claim 41, wherein the interface comprises an I/O
2 device to transmit a global control command associated with the central control
3 mechanism to all of the I/O channels of the plurality of audio processing modules.

1 46. (New) The apparatus of Claim 40, further comprising the plurality of
2 audio processing modules, each of which to receive the commands from the interface on
3 its corresponding I/O channel and perform a function assigned to the command with
4 respect to the corresponding I/O channel.

1 47. (New) A machine-readable medium having stored thereon data
2 representing instructions which, when executed by a machine, cause the machine to
3 perform operations comprising:
4 generating a first display portion on a display of a player/recorder system, the first
5 display portion including a plurality of control boxes to control a corresponding one or
6 more of a plurality of tracks of each of a plurality of audio processing modules; and
7 generating a second display portion on the display, the second display portion
8 including a central control mechanism for simultaneously controlling all of the plurality
9 of tracks of each of the plurality of audio processing modules.

D1
CONT
SUB
E4

1 48. (New) The medium of Claim 47, wherein the instructions further comprise
2 instructions which, when executed by the machine, cause the machine to perform further
3 operations comprising:
4 receiving a selection of one of the control boxes corresponding to one of the
5 tracks; and
6 transmitting a control command associated with the one of the control boxes to an
7 audio processing module having the one of the tracks.

1 49. (New) The medium of Claim 47, wherein the instructions further comprise
2 instructions which, when executed by the machine, cause the machine to perform further
3 operations comprising:
4 receiving a selection of the central control mechanism; and
5 transmitting a global control command associated with the central control
6 mechanism to the plurality of audio processing modules.
